SEARCH REQUEST FORM
Scientific and Technical Information Center

Requester's Full Name: P Laufer   Examiner# : 73139   Date: 12/3/01 ⑥

Art Unit: 2100   Phone Number: 30   Serial Number: 09/694 416

Mail Box and Bldg/Room Location: _____   Results Format Preferred (circle): Paper Disk E-mail

If more than one search is submitted, please prioritize searches in order of need.
****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

_____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Litigation

5,848,159

12-03-01 P01:31 IN

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STAFF USE ONLY

Searcher: J. Breen

Searcher Phone: 6-4767

Searcher Location: _____

Date Searcher Picked Up: 12 3 01

Date Completed: 12 3 01

Searcher Prep & Review Time: _____

Clerical Prep Time: —

Online Time: 6

Type of search

NA Sequence (#) _____

AA Sequence (#) _____

Structure (#) _____

Bibliographic _____

Litigation ✓

Full Text _____

Patent Family _____

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Vendors and cost where applicable

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WWW/Internet _____

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1/9/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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14466395
Basic Patent (No,Kind,Date): WO 9826536 A1 19980618   <No. of Patents: 006>

PATENT FAMILY:
AUSTRALIA (AU)
   Patent (No,Kind,Date): AU 9856893 A1 19980703
      PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD (English)
      Patent Assignee: TANDEM COMPUTERS INC
      Author (Inventor): COLLINS THOMAS; HOPKINS DALE; LANGFORD SUSAN; SABIN
         MICHAEL
      Priority (No,Kind,Date):   US 33271 P   19961209; US 784453 A
         19970116; WO 97US22026 W   19971208
      Applic (No,Kind,Date): AU 9856893 A   19971208
      IPC: * H04L-009/30
      Derwent WPI Acc No: * G 98-348877
      Language of Document: English

EUROPEAN PATENT OFFICE (EP)
   Patent (No,Kind,Date): EP 950302 A1 19991020
      PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD (English; French; German)
      Patent Assignee: TANDEM COMPUTERS INC (US)
      Author (Inventor): COLLINS THOMAS (US); HOPKINS DALE (US); LANGFORD
         SUSAN (US); SABIN MICHAEL (US)
      Priority (No,Kind,Date):   WO 97US22026   W   19971208; US 33271 P
         19961209; US 784453 A   19970116
      Applic (No,Kind,Date): EP 97953075 A   19971208
      Designated States: (National) DE; FR; GB; IT
      IPC: * H04L-009/30
      Derwent WPI Acc No: * G 98-348877
      Language of Document: English

EUROPEAN PATENT OFFICE (EP)
   Legal Status (No,Type,Date,Code,Text):
      EP 950302   P   19961209 EP AA   PRIORITY (PRIORITAET)
                                US 33271 P   19961209
      EP 950302   P   19970116 EP AA   PRIORITY (PATENT
                                APPLICATION) (PRIORITAET (PATENTANMELDUNG))

                                US 784453 A   19970116
      EP 950302   P   19971208 EP AA   PCT-APPLICATION
                                (PCT-ANMELDUNG)
                                WO 97US22026 W   19971208
      EP 950302   P   19971208 EP AE   EP-APPLICATION
                                (EUROPAEISCHE ANMELDUNG)
                                EP 97953075 A   19971208
      EP 950302   P   19991020 EP AK   DESIGNATED CONTRACTING
                                STATES IN AN APPLICATION WITH SEARCH REPORT:
                                (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

                                DE FR GB IT
      EP 950302   P   19991020 EP A1   PUBLICATION OF APPLICATION
                                WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
                                ANMELDUNG MIT RECHERCHENBERICHT)
      EP 950302   P   19991020 EP 17P   REQUEST FOR EXAMINATION
                                FILED (PRUEFUNGSANTRAG GESTELLT)
                                19990622
      EP 950302   P   20000809 EP RPR1   PRIORITY (CORRECTION)
                                (PRIORITAET (KORR.))

EP 950302   P 20010321 EP RAP1   APPLICANT REASSIGNMENT
                          (CORRECTION) (ANMELDER UEBERTRAGUNG (KORR.))

COMPAQ COMPUTER CORPORATION

ISRAEL (IL)
  Patent (No,Kind,Date): IL 130239 A0 20000601
    PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD (English)
    Patent Assignee: TANDEM COMPUTERS INC
    Priority (No,Kind,Date): US 33271   P   19961209; US 784453 A
      19970116; WO 97US22026 W   19971208
    Applic (No,Kind,Date): IL 130239 A 19971208
    IPC: * H04L
    Derwent WPI Acc No: * G 98-348877
    Language of Document: English

JAPAN (JP)
  Patent (No,Kind,Date): JP 2001510583 T2 20010731
    Priority (No,Kind,Date): US 33271   P   19961209; US 784453 A
      19970116; WO 97US22026 W   19971208
    Applic (No,Kind,Date): JP 98526772 A 19971208
    IPC: * G09C-001/00
    Derwent WPI Acc No: * G 98-348877
    Language of Document: Japanese

UNITED STATES OF AMERICA (US)
  Patent (No,Kind,Date): US 5848159 A 19981208
    PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD (English)
    Patent Assignee: TANDEM COMPUTERS INC (US)
    Author (Inventor): COLLINS THOMAS (US); HOPKINS DALE (US); LANGFORD
      SUSAN (US); SABIN MICHAEL (US)
    Priority (No,Kind,Date): US 784453 A 19970116; US 33271 P
      19961209
    Applic (No,Kind,Date): US 784453 A 19970116
    National Class: * 380030000; 380009000; 380029000; 380049000
    IPC: * H04L-009/30; H04L-009/00
    Derwent WPI Acc No: * G 98-348877
    Language of Document: English

UNITED STATES OF AMERICA (US)
  Legal Status (No,Type,Date,Code,Text):
    US 5848159   P   19961209 US AA   PRIORITY
                                  US 33271 P   19961209
    US 5848159   P   19970116 US AE   APPLICATION DATA (PATENT)
                                  (APPL. DATA (PATENT))
                                  US 784453 A   19970116
    US 5848159   P   19970507 US AS02   ASSIGNMENT OF ASSIGNOR'S
                                  INTEREST
                                  TANDEM COMPUTERS INCORPORATED 10435 NORTH
                                  TANTAU AVENUE CUPERTINO, CALIFORNIA 95 ;
                                  COLLINS, THOMAS : 19970429; HOPKINS, DALE :
                                  19970429; LANGFORD, SUSAN : 19970430; SABIN,
                                  MICHAEL : 19970430
    US 5848159   P   19981208 US A   PATENT
    US 5848159   P   20000704 US RR   REQUEST FOR REEXAMINATION
                                  FILED
                                  20000518
    US 5848159   P   20000829 US RR   REQUEST FOR REEXAMINATION
                                  FILED
                                  20000728
    US 5848159   P   20001205 US RF   REISSUE APPLICATION FILED
                                  (REISSUE APPL. FILED)
                                  20001020

Shirelle Green December 3, 2001 2

WORLD INTELLECTUAL PROPER● ORGANIZATION, PCT (WO)   ●
    Patent (No,Kind,Date): WO 9826536 A1 19980618
      PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD (English)
      Patent Assignee: TANDEM COMPUTERS INC   (US)
      Author (Inventor): COLLINS THOMAS; HOPKINS DALE; LANGFORD SUSAN; SABIN
        MICHAEL
      Priority (No,Kind,Date):   US 33271   P   19961209; US 784453 A
        19970116
      Applic (No,Kind,Date): WO 97US22026 A   19971208
      Designated States: (National) AU; BR; CA; CN; GH; HU; ID; IL; JP; KP;
        KR; LT; LU; MX; NO; NZ; PL; PT; RU; SG; TR; UA; VN; YU; AM; AZ; BY;
        KG; KZ; MD; RU; TJ; TM   (Regional) AT; BE; CH; DE; DK; ES; FI; FR;
        GB; GR; IE; IT; LU; MC; NL; PT; SE
      Filing Details: WO 130000 With international search report; Before
        expiration of time limit for amending the claims and to be
        republished in the event of the receipt of the amendments
      IPC: * H04L-009/30
      Derwent WPI Acc No: * G 98-348877; G 98-348877
      Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)
    Legal Status (No,Type,Date,Code,Text):
      WO 9826536   P   19961209 WO AA   PRIORITY CLAIMED
                                      US 33271 P   19961209
      WO 9826536   P   19970116 WO AA   PRIORITY (PATENT)
                                      US 784453 A   19970116
      WO 9826536   P   19971208 WO AE   APPLICATION DATA   (APPL.
                                      DATA)
                                      WO 97US22026 A   19971208
      WO 9826536   P   19980618 WO AK   DESIGNATED STATES CITED IN A
                                      PUBLISHED APPLICATION WITH SEARCH REPORT
                                      (DESIGNATED STATES CITED IN A PUBLISHED APPL.
                                      WITH SEARCH REPORT)
                                      AU BR CA CN GH HU ID IL JP KP KR LT LU MX NO
                                      NZ PL PT RU SG TR UA VN YU AM AZ BY KG KZ MD
                                      RU TJ TM
      WO 9826536   P   19980618 WO AL   DESIGNATED COUNTRIES FOR
                                      REGIONAL PATENTS CITED IN A PUBLISHED
                                      APPLICATION WITH SEARCH REPORT   (DESIGNATED
                                      COUNTRIES FOR REGIONAL PATENTS CITED IN A
                                      PUBLISHED APPL. WITH SEARCH REPORT)
                                      AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
                                      PT SE
      WO 9826536   P   19980618 WO A1   PUBLICATION OF THE
                                      INTERNATIONAL APPLICATION WITH THE
                                      INTERNATIONAL SEARCH REPORT   (PUB. OF THE
                                      INTERNATIONAL APPL. WITH THE INTERNATIONAL
                                      SEARCH REPORT)
      WO 9826536   P   19980813 WO DFPE   REQUEST FOR PRELIMINARY
                                      EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH
                                      MONTH FROM PRIORITY DATE
      WO 9826536   P   19981118 WO 121   EP: PCT APP. ART. 158 (1)
                                      (EP: PCT ANM. ART. 158 (1))

Laufer 5848159

?us5848159/pn

   Term not in index/PN-LITA : US5848159

   LGST   1
   CRXX   1
   LITA   0
   PAST   3

   ** SS   1 : Results   5

   Search statement   2

?prt ss1 max 1-5

   1/5 LGST (1/1) - (C) LEGSTAT
   PN - US 5848159 [US5848159]
   AP - US 784453/97 19970116 [1997US-0784453]
   DT - US-P
   ACT - 19970116 US/AE-A
       APPLICATION DATA (PATENT)
       {US 784453/97 19970116 [1997US-0784453]}
     - 19970507 US/AS02
       ASSIGNMENT OF ASSIGNOR'S INTEREST
       TANDEM COMPUTERS INCORPORATED 10435 NORTH TANTAU AVENUE CUPERTINO,
       CALIFORNIA 95 * COLLINS, THOMAS : 19970429; HOPKINS, DALE : 19970429;
       LANGFORD, SUSAN : 19970430; SABIN, MICHAEL : 19970430
     - 19981208 US/A
       PATENT
     - 20000704 US/RR [+]
       REQUEST FOR REEXAMINATION FILED
       20000518
     - 20000829 US/RR [+]
       REQUEST FOR REEXAMINATION FILED
       20000728
     - 20001205 US/RF
       REISSUE APPLICATION FILED
       20001020
   UP - 2000-49

   2/5 CRXX (1/1) - (C) CLAIMS/RRX
   AN - 3084358
   PN - 5,848,159 A 19981208 [US5848159]
   PA - Tandem Computers Inc
   PT - E (Electrical)
   ACT - 20000518 REEXAMINATION REQUESTED
       ISSUE DATE OF O.G.: 20000704
       REEXAMINATION REQUEST NUMBER: 90/005733
       Tandem Computers Inc., Cupertino, CA

     - 20000619 REASSIGNED
       MERGER

       Assignor: TANDEM COMPUTERS INCORPORATED DATE SIGNED: 06/05/2000

       Assignee: COMPAQ COMPUTER CORPORATION 20555 S.H. 249 HOUSTON, TEXAS

Shirelle Green EIC 2100

77070-269

Reel 010929/Frame 0489

Contact: FROHWITTER RONALD L. CHICHESTER THREE RIVERWAY, SUITE 500
HOUSTON, TX 77056

- 20000728 REEXAMINATION REQUESTED
ISSUE DATE OF O.G.: 20000829
REEXAMINATION REQUEST NUMBER: 90/005776
Patent Administrator, Testa Hurwitz and Thibeault, Boston, MA

- 20000905 REASSIGNED
ARTICLES OF MERGER OF PARENT AND SUBSIDIARY CORPORATIONS

Assignor: DIGITAL EQUIPMENT CORPORATION DATE SIGNED: 12/09/1999

Assignee: COMPAQ COMPUTER CORPORATION 20555 SH 249 P.O. BOX 692000
HOUSTON, TEXAS 77070-269

Reel 011077/Frame 0950

Contact: OPPENHEIMER WOLFF & DONNELLY LLP LEAH SHERRY 3373 HILLVIEW
AVENUE, SUITE 200 PALO ALTO, CALIFORNIA 94304-1204

- 20001016 REASSIGNED
ARTICLES OF MERGER OF PATENT AND SUBSIDIARY CORPORATIONS

Assignor: TANDEM COMPUTERS INCORPORATED DATE SIGNED: 12/31/1998

Assignee: COMPAQ COMPUTER CORPORATION P.O. BOX 692000, 20555 SH 249
HOUSTON, TEXAS 77070-269

Reel 011190/Frame 0457

Contact: OPPENHEIMER WOLFF & DONNELLY LLP LEAH SHERRY 1400 PAGE MILL
RD. PALO ALTO, CA 94304

- 20001020 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001205
REISSUE REQUEST NUMBER: 09/694416
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2766

Reissue Patent Number:

UP - 2000-27
UACT- 2000-12-05
URAS- 2001-03-20

3/5 PAST (1/3) - (C) PAST
AN - 200049-001081
PN - 5848159 A [US5848159]
DT - A (UTILITY)
OG - 2000-12-05
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

Shirelle Green EIC 2100

Laufer 5848159

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4/5 PAST (2/3) - (C) PAST
AN  - 200035-001104
PN  - 5848159  A  [US5848159]
DT  - A (UTILITY)
OG  - 2000-08-29
CO  - RXA
ACT - REQUEST FOR REEXAMINATION FILED
SH  - REQUEST FOR REEXAMINATION FILED

5/5 PAST (3/3) - (C) PAST
AN  - 200027-001241
PN  - 5848159  A  [US5848159]
DT  - A (UTILITY)
OG  - 2000-07-04
CO  - RXA
ACT - REQUEST FOR REEXAMINATION FILED
SH  - REQUEST FOR REEXAMINATION FILED
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Shirelle Green EIC 2100

Dec. 8, 1998

Public key cryptographic apparatus and method

LIT-REEX: Reexamination requested Jul. 28, 2000 by Patent Administrator, Testa Hurwitz and Thibeault, Reexamination No. 90/005,776 (O.G. Aug. 29, 2000) Ex. Gp.: 2766

Reexamination requested May 18, 2000 by owner, Reexamination No. 90/005,733 (O.G. Jul. 4, 2000) Ex. Gp.: 2766

REISSUE: Reissue Application filed Oct. 20, 2000 (O.G. Dec. 5, 2000) Ex. Gp.: 2766; Re. S.N. 09/694,416

CORE TERMS: message, prime, mod, encryption, ciphertext, exponentiator, decryption, terminal, encrypted, memory...

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LEXIS-NEXIS
Library: PATENT
File: JNLS

5,848,159 OR 5848159

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Library: NEWS
File: CURNWS